AETHEREDGE · KEPCO PORTFOLIO

AMIGO Mini 60 A

Compact bottom-connected residential layout

A compact residential meter layout with front LCD, two local controls and bottom terminal access. The supplied STEP and image establish the mechanical form; electrical and functional tables are explicitly scoped to the APT-AMIGO reference profile.



REFERENCE CONFIGURATION

1P2W · 60(5) A

220 V · 60 Hz

Product illustration based on the supplied photograph. Appearance is for identification; microprinted artwork is not a parameter or approval source.

Compact residential form

Distinct bottom-connected and up/down layouts; select the exact enclosure and connection direction.

APT21 pp.5–8; CAD

Energy and demand reference

The APT profile defines active/reactive/apparent energy, maximum demand and tariff operation.

APT21 pp.17–24

History and remote operation

Load profiles, event history, DLMS notification and controlled load-switching functions are defined by the APT reference.

APT21 pp.17,24–35

Modem variants

The bottom-connected APT table offers PLC, PLC+SUN, SUN and no-integrated-modem variants. Select the ordered option.

APT21 p.4 Table 8

DATASHEET · REFERENCE PARAMETERS

Electrical and functional profile

Source specification: GS-6625-0103 · 2021.11 (selected APT basis)

Ratings below are transcribed from the identified specification category. Current notation is retained as printed: maximum (base) current for direct-connected meters; rated (half-rated) current for transformer-operated meters.

Phase / wires	1P2W
Reference voltage	220 V
Current rating	60(5) A
Reference frequency	60 Hz
Active / reactive class	1.0 / 1.0
Active-energy pulse constant	2,000 pulse/kWh
Load switch	Built-in load switch in APT reference
KEPCO reference item	127829–127832

APT21 p.4 Table 8

Operating environment

−40 to +75 °C; altitude ≤1,500 m; relative humidity 10–90%. Separate enclosure required for outdoor exposure.

APT21 p.4 Table 7

Communication options

RS-485 9,600–115,200 bit/s, initial 9,600 bit/s. APT CAN reference: 500,000 bit/s. Integrated modem population follows the ordered bottom-connected variant.

APT21 pp.4,13–14 Tables 8,19,22

> APT-AMIGO 2021.11 is the selected specification basis. Choose the bottom-connected PLC, PLC+SUN, SUN or no-integrated-modem option to match the order.

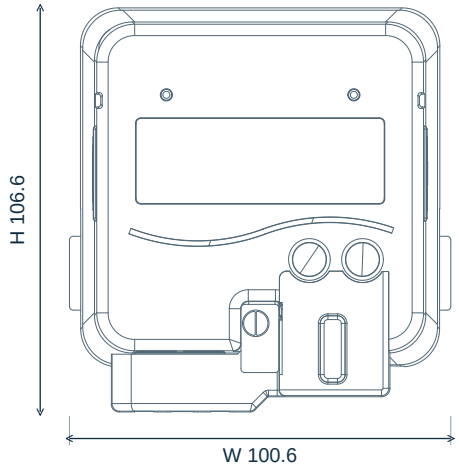
> This edition organizes the supplied product images and CAD with the cited KEPCO specification requirements. It does not assert type approval, certification, completed firmware conformance, test results or a commercial warranty. The delivered nameplate, order configuration and utility instructions govern field use.

MECHANICAL REFERENCE

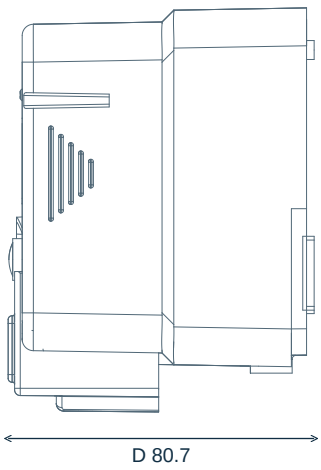
Envelope and installation planning

AMIGO-MINI · transferred STEP geometry · mm

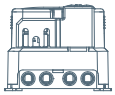
Front / rear outline



Side outline



Bottom outline



Whole supplied assembly envelope.
Not a hole pattern or tolerance drawing.
B-rep edge projections; views use independent scales.
Internal electronics may be absent from source CAD.

Width × height × depth	100.6 × 106.6 × 80.7 mm
Geometry source	KEPCO-AMIGO-MINI.step

> Dimensions in mm are the envelope of the supplied STEP assembly after all assembly placements. They are not manufacturing tolerances, mounting-hole coordinates or installation clearances. Confirm the released installation drawing for the ordered variant.

CAD 0ccad3d86b6f3976… · Dimensions rounded to 0.1 mm; underlying full precision retained.

Before fixing the installation layout

Allow access to the display, seals, terminal covers and communications compartment. Check the ordered cover state and cable approach against the released installation drawing. The envelope drawing supplies no drilling template.

No product-specific terminal tightening torque, conductor-size table or mounting-hole schedule was supplied for release in this edition. Obtain the ordered variant’s installation drawing and torque schedule; do not substitute a generic value.